

**TECHNICAL SPECIFICATION OF NIV, BRAKE & SUSPENSION TESTER, QTY-02 NOS (DP-5) ANNEX-B**

Ser	Description	Specifications	Must be filled up by the Manufacturer
<b>PART-1. GENERAL SPECIFICATION.</b>			
1.	Nomenclature	Brake & Suspension Tester	
2.	Name and complete address of local agent	Details to be mentioned	
3.	Name and complete address of Principal	Details to be mentioned	
4.	Name and complete address of manufacturer	Details to be mentioned	
5.	Year of production	Not before the year of contract	
6.	Brand/Make	To be mentioned	
7.	Model	To be mentioned	
8.	Country of origin	Gp B countries	
9.	Country of manufacturer		
10.	Country of assembly		
11.	Applicable Vehicle	Staff car, SUV Jeep, Pickup, Microbus, Bus, Trucks used in Bangladesh Army	
<b>PART-2. TECHNICAL SPECIFICATION</b>			
12.	<b>Brake Tester.</b>		
	a. Dimensions	To be mentioned	
	b. Frame	Galvanized steel	
	c. Load/axle	6 Ton (Minimum)	
	d. Test speed	5 Km/Hr (Minimum)	
	e. Measurement range	0-20 KN (Minimum)	
	f. Wheel path	800 mm (Minimum)	
	g. Roller length	800 mm (Minimum)	
	h. Roller dia	200 mm (Minimum)	
	j. Roller type	High resistance and adhesive	
	k. Test method	Automatic start and stop	
	l. Difference in left and right breaking efficiency	Able to measure service brake and parking brake	
	m. Measurement accuracy	+/- 2%	
	<b>n. Motor</b>		
	i. Motor power	8 KW (Minimum)	
	ii. Brand/Make	To be mentioned	
	iii. Model		
	iv. Origin		
	v. Year of production		Not before the year of contract
	vi. Motor Power supply	220 VAC, 50Hz 1Ph, or 440 V AC, 50Hz 3Ph	
	q. Weight	To be mentioned	
13.	<b>Other Test options</b>		
	a. ABS test	To be mentioned	
	b. TCS test	To be mentioned	
	c. Side slip test	To be mentioned	
	d. Any other test	To be mentioned	
14.	<b>Suspension Tester</b>		
	a. Dimensions L x W x H (Minimum)	To be mentioned	
	b. Frame	Galvanized steel	
	c. Load/axle	6 T (Minimum)	
	d. Wheel path	800 mm (Minimum)	
	e. Test method	Automatic start and stop	
	f. Measurement accuracy	+/- 2%	



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	<b>g. Motor</b>		
	i. Motor power	8 KW (Minimum)	
	ii. Brand	To be mentioned	
	iii. Model		
	iv. Origin		
	v. Year of production	Not before the year of contract	
	vi. Motor power supply	220 VAC, 50Hz 1Ph, or 440 VAC, 50Hz 3Ph	
	h. Weight	To be mentioned	
	j. Display	Both test procedures to be controlled from HMI touch screen (Minimum 12 in) /LED or LCD Display (Brand, Model, Origin and year of production to be mentioned)	
15.	Operational language	English	
16.	Printer	To be provided	
17.	Printing report	Automatically generate testing report from test run	
18.	Training aids	Video clip, simulation, charts etc to be provide (If any)	
19.	Functional test	(1) Necessary functional test to be done for all types of possible operation after receiving the equipment. (2) Necessary attachment, tools, accessories, gauges and machines to be given for functional test.	
20.	Software (If any)	a. Software name, version and other details to be mentioned. b. Software must work at offline mode without update upto the time of contractual obligation ( <b>Min 5 Years</b> ). c. It must have option to update through internet protocol upto the time of contractual obligation at free of cost. d. Suppliers must inform any update of relevant software in due time.	
21.	List of Standard Tools and Accessories	List <b>with quantity</b> to be provided	
22.	c. Product quality certification	ISO/Similar certification to be provided	
23.	Any other (Vital for proper operation, maintenance and safety)	To be mentioned	

